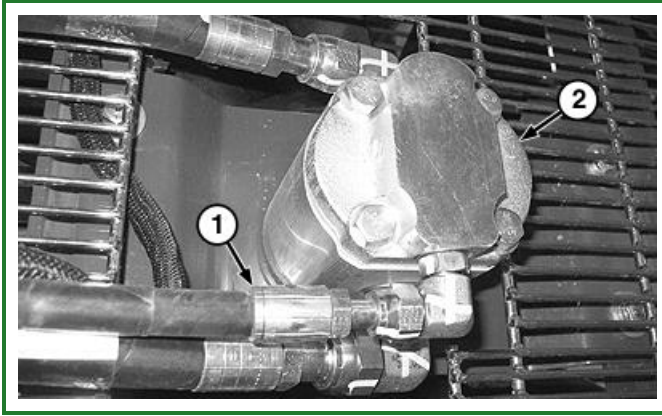
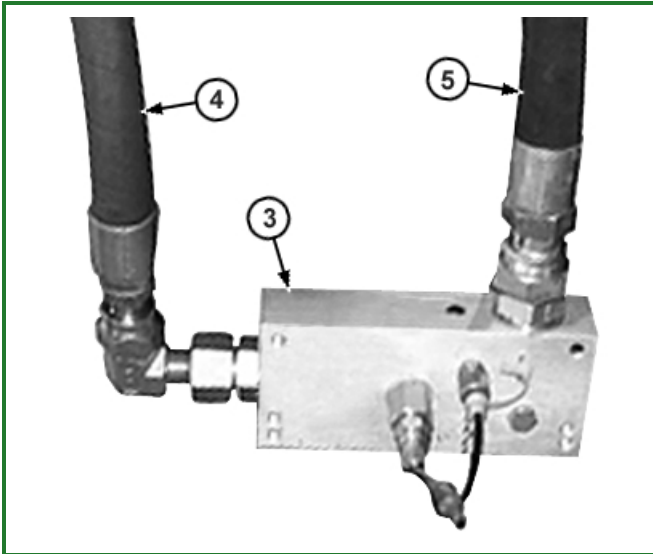


4.



TX1028763A-UN: Hydraulic Fan Motor Case Drain



TX1047882A-UN: JT07148 Flowmeter

LEGEND:

- 1 - Case Drain Hose
- 2 - Hydraulic Fan Motor
- 3 - JT07148 Flowmeter
- 4 - Test Hose From Hydraulic Fan Motor Case Drain
- 5 - Test Hose to Hydraulic Reservoir Filler Neck

Disconnect case drain hose (1) from hydraulic fan motor (2) and install plug in hose.

Install one end of test hose (4) on open hydraulic fan motor fitting.

5. Install other end of test hose (4) on inlet fitting of JT07148 flowmeter (3).

From flowmeter outlet route and secure test hose (5) into hydraulic reservoir filler neck.

6. Remove vacuum or fill hydraulic reservoir. [See Drain, Flush, and Refill Hydraulic System Oil](#) . (Operator's Manual.)
7. Increase hydraulic fan motor output by accessing Machine Config under Main Menu in the advanced display unit (ADU) and setting fan speed to 100 percent. [See Advanced Display Unit \(ADU\) Circuit Theory of Operation](#) . (Group 9015-05.)

Item	Measurement	Specification
Hydraulic Fan	Speed	100%

8. IMPORTANT:

Prevent damage to fan motor. Make sure that flowmeter load valve is in the full open position before starting engine.

Set flowmeter load valve to full open position.

9. Perform hydraulic oil warmup procedure. [See Hydraulic Oil Warm-up Procedure](#) . (Group 9025-25.)

Item	Measurement	Specification
Hydraulic Oil Temperature		60—70°C 140—160°F

10. Operate engine at specification.

Item	Measurement	Specification
Engine Speed		Fast Idle

11. Record leakage and compare to specification.

Item	Measurement	Specification
Hydraulic Fan Motor Case Drain	Leakage (maximum)	5.7 L/min. 1.5 gpm

12. If case drain leakage is more than specification, repair or replace hydraulic fan motor as necessary.
13. Apply vacuum or drain hydraulic reservoir. [See Vacuum Pump Installation](#) (Group 9025-25) or [see Drain, Flush, and Refill Hydraulic System Oil](#) . (Operator's Manual.)
14. Remove test equipment and connect hydraulic fan motor case drain hose.
15. Remove vacuum or fill hydraulic reservoir. [See Drain, Flush, and Refill Hydraulic System Oil](#) . (Operator's Manual.)
16. Remove frame articulation lock bar.

Go to [Section_9025:Group_25](#)

RM58335,0001208-19-20130416